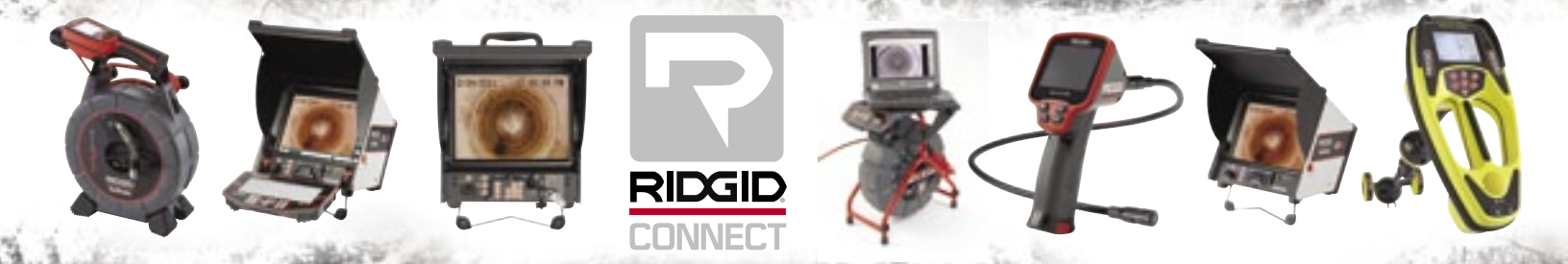
We Build Reputations™

RIDGID

Diagnostics, Inspection & Locating



RIDGID® tools are profit machines. Each one gives you the easy-to-use features needed to get the job done right and quickly to incease job profitability. You can depend on the high quality they provide for long service life to optimize your investment. You can also depend on RIDGID to offer a wide selection of complementary choices and options to help your business attract new customers and keep old ones to grow your business volume.

From our popular line of SeeSnake® video inspection systems and digital visualization tools, SeekTech® and NaviTrack® utility and plumbing locators, and hand-held diagnostic tools – we offer the tools to help you increase revenues. See it for yourself.

See It

Video Inspection Equipment

No matter what you need to see into, around or behind, there is a RIDGID inspection system available. With a wide selection of cameras, push cables, reels and monitors, there is a system that meets your needs. Each one is easy to use and durable – traits that you have come to expect from RIDGID.

See More Starting on Page 4

Record & Share It

Digital Recording, Storing and Sharing

Recording and sharing inspection videos to streamline record keeping, communication with customers and collaboration has never been easier. Now you can view, store and share inspection videos on DVD, on a laptop, or on the Internet. More ways that RIDGID helps increase profitability, professionalism and efficiency.

See More Starting on Page 9

Digitally Manage It

Hardware and Software Digital Tools

A laptop interface for your SeeSnake inspection system, job site-rugged Dell® laptops, powerful and full-function inspection software, and RIDGIDConnect™ business optimizing software, are all available to increase productivity and profitability.

See More Starting on Page 12

Find It

Locating Equipment

A full line of RIDGID locators and transmitters are available to meet your needs for fast and accurate identification of buried electric, cable, water, gas, oil, telecom, drain and sewer utilities. Each one is easy to use, offers the flexibility to meet various needs and is an ideal complement to RIDGID video inspection equipment.

See More Starting on Page 22

Diagnose It

Hand-Held Measurement Tools

You can depend on RIDGID diagnotic tools to provide the features and ease-of-use you need to speed a variety of measurement jobs. Each one includes easy to read LCD backlit displays that are designed to be easy to see indoors and outdoors.

See More Starting on Page 32

Selection Overview

SeeSnake® Reel and Camera Selection

For inspecting lines 1"to 12" in diameter, there is no better choice than a SeeSnake cable reel and camera system. Each one offers ease-of-use, application-matched features and unmatched durability and longevity.

	SeeSnake		Mini-SeeSnake	SeeSnake Compact	SeeSnake microReel™ L100/L100C	SeeSnake microDrain™ D30/ D65S	SeeSnake nanoReel N85S
	Standard	Self-Leveling					
	14053	*13988*	*14063*	*32903*	*35183*	*34233*	*40008*
Applications	Industrial	Industrial	Industrial	Main Drain Lines	Lateral Drain Lines	Toilets / Sinks / Lines	HVAC/Utilities
PAGE NUMBER	4	4	4	5	7	6	8
Line Capacity	2" – 12" 5 – 30 cm	2"– 12" 5 – 30 cm	1½" to 6" 3.8 to 15 cm	1½"– 4" 3.8 to 15 cm	1½"– 4" 3.8 – 10.2 cm	1"– 3" 3.2 – 7.6 cm	¾"– 2" 1.90 – 5.08 cm
Maximum Run	325' / 99 m	325' / 99 m	200' / 61 m	100' / 30.48 m	100' / 30.48 m	30' / 9.14 m or 65' / 20 m	85' / 25.9 m
Sonde Transmitter	512 Hz	512 Hz	512 Hz	512 Hz	512 Hz	Optional 512 Hz	512 Hz
Distance Measurement	Built-In Counter	Built-In Counter	Built-In Counter	Built-In Counter	Optional	–	–
MECHANICAL							
Weight (Excl Monitor)	53 lbs. / 19.5 kg	53 lbs. / 19.5 kg	24.5 lbs / 11.1 kg (reel)	13 lbs / 5.9 kg (reel)	10.3 lbs / 4.7 kg	8.6 lbs / 3.9 kg or 9.8 lbs. / 4.4 kg	9.5 lb / 4.1 kg
Reel Frame Diameter	32" / 81 cm	32" / 81 cm	20" / 51 cm	16" / 40 cm	12.75" / 32 cm	12.75" / 32 cm	12.75" / 32 cm
Camera Diameter	1.365" / 35 mm	1.365" / 35 mm	1.18" / 30 mm	1.18" / 30 mm	.98" / 25 mm	.87" / 22 mm	.61" / 15.5 mm
Camera Length	1.68" / 42 mm	1.94" / 48 mm	1.68" / 42 mm	1.68" / 42 mm	1.17 / 37 mm	1" / 26 mm	.88" / 22.5 mm
Push Cable Diameter	.44" / 11 mm	.44" / 11 mm	.31" / 8 mm	.26" / 6.6 mm	.26" / 6.6 mm	.33" / 8.3 mm	.25" / 6.3 mm
ENVIRONMENTAL							
Operating Temperature	-4˚ to 104˚ F	-4˚ to 104˚ F	-4˚ to 104˚F	-4˚ to 104˚F	-4˚ to 104˚ F	-4º to 104º F	-4º to 104º F
Waterproof Depth	330' / 100 m	330' / 100 m	330'/100 m	330' / 100 m	330' / 100 m	266' / 81 m	266' / 81 m
Video Resolution	768(H) x 494(V)	768(H) x 494(V)	768(H) x 494(V)	768(H) x 494(V)	628(H) x 586(V) NTSC	628(H) x 586(V)	628(H) x 586(V)
Number of Pixels	410K	410K	410K	410K	520K	520K	520K
Lighting	6 LEDs	6 LEDs	6 LEDs	6 LEDs	3 High Flux LEDs	3 High Flux LEDs	3 High Flux LEDs

Monitoring and Recording Selection

Innovation describes the line of RIDGID monitors and recorders. The DVD*Pak* monitor, for example, features a sunlight readable display and DVD recording in a very compact package. Or, there's the microEXPLORER camera. It is a full-function monitor and recording tool for SeeSnake microDrain and microReel reels, yet it can be used with a cable-mounted camera to inspect areas as small as ¾".

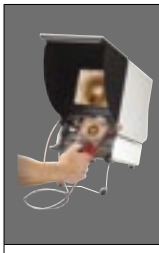
	SeeSnake LCD*Pak*	SeeSnake MINI*Pak*	SeeSnake DVD*Pak*	CS10	CS1000	microEXPLORER® Camera
	37843	*32748*	*33198*	*39328*	*32603*	*30063*
PAGE NUMBER	9	9	9	11	10	20
Recording Capability	View Only*	View Only*	Built In DVD	Digital Video / Images	Digital Video / Images	Digital Video / Images
Screen Size	12.1" LCD	5.7" LCD	4.3" OLED / 5.7" LCD	12.1" LCD	12.1" LCD	3.5" LCD
Screen Type	LCD	LCD	OLED / LCD	LCD	LCD	LCD
Battery	1 or 2 18 V LI	18 V LI	18 V LI	1 or 2 18V LI	1 or 2 18V LI	3.7 V LI
Battery Runtime	4.5 hrs (2 batteries)	5 hrs	2.5 hrs	4 hrs (2 batteries)	3.5 hrs (2 batteries)	4 hrs
Integrated Line Trace	Yes	Yes	Yes	Yes	Yes	–
Sonde Control 512Hz	Push Button	Push Button	Push Button	Push Button	Push Button	Yes
Lighting Controls	10 Level Digital	10 Level Digital	10 Level Digital	10 Level Digital	10 Level Digital	4 Level Digital
Screen Operating Range	14˚F to 122˚F	-4˚F to 158˚F	-30˚F to 130˚F / -4˚F to 158˚F	14˚F to 122˚F	14˚F to 122˚F	32˚F to 113˚F
Recorder Operating Range	–	–	40˚F to 95˚F	14˚F to 122˚F	14˚F to 122˚F	32˚F to 113˚F
Resolution	640 x 480	320 x 240	480 x 272 / 320 x 240	640 x 480	640 x 480	320 x 240

** Recording accessory available. See page 17*

RIDGID

Clean It

RIDGID® Drain Cleaning Equipment – No matter what you need in a drain cleaning machine, there is a RIDGID product just right for you. From sink machines to drum, sectional, rodder and water jet machines, you can depend on RIDGID to have the right tool and accessories to meet your exact needs. Visit www.RIDGID.com for more information.

	**SeeSnake Digital Adaptor** *34953*	**SeeSnake LT1000/ LT1000M Laptop Interface** *35983/36663*	**RIDGIDConnect Online Business Tool** *37348*
PAGE NUMBER	21	12	16
Recording Capability	Digital Video / Images	Digital/DVD	–
File Formats	MJPEG / JPEG	Multi-Format	All Formats
Power Source	microEXPLORER camera	18V LI	–
Battery Runtime	1 hr	5 hrs	–
Integrated Line Trace	No	Yes	–
Internet Accessibility of Video and Photos	No	No	Yes

Recording, Interfacing, Archiving and Collaboration Selection

Would you like to upgrade an existing SeeSnake® monitor to record DVDs? Or, connect your monitor to a microEXPLORER® inspection camera to add complete digital capabilities? Or, transfer recordings to a laptop to burn DVDs, email images and video or store and share these files from one online location 24/7? There's a RIDGID solution for each of these and more.

Common Video Inspection Configurations – As Easy As 1, 2, 3

STEP 1: PICK YOUR REEL

Standard SeeSnake Lines 2"-12" / 325' Length	**Mini-SeeSnake Lines 1.5"-6" / 200' Length**	**microReel Lines 1.5"-4" / 100' Length**	**microDrain Lines 1"-3" / 65' Length**
14053 Color 200' 13988 Color Self-Leveling 200' 13998 Color Self-Leveling 325'	14063 Color 200'	35183 Sonde, Counter, SeeSnake Version 35188 Sonde, Counter, microEXPLORER Handheld Version	34233 Sonde, SeeSnake Monitor Version 34618 Sonde, microEXPLORER Handheld Version

STEP 2: PICK YOUR MONITOR

SeeSnake MINI*Pak* 5.7" LCD w/Video Out 18V Battery Power	**SeeSnake LCD*Pak* 12.1" LCD w/Video Out 18V Battery Power**	**SeeSnake DVD*Pak* 5.7" LCD. DVD w/Video Out 18V Battery Power**	**microEXPLORER® Handheld Digital Recording & Monitoring** (microDrain & microReel only)	**CS1000 12.1" LCD, Digital Video/Images**	**CS10 12.1" LCD, Digital Video/Images**	**Laptop (Requires LT1000) Capabilities as Powerful as Your Laptop Computer**
32748 MINI*Pak* with Battery & Charger	37843 LCD*Pak* with Battery & Charger	33198 DVD*Pak* with Battery & Charger	30063 microEXPLORER with Battery & Charger	32603 CS1000 with Battery & Charger	39328 CS10 with Battery & Charger	www.RIDGID.com/Dell

STEP 3: PICK YOUR RECORDING ACCESSORY

Digital Adaptor Add Digital Recording to Any Monitor	**LT1000 Laptop Interface Use Your Laptop to Monitor, Record & Report**
34953 Digital Adaptor & 30063 microEXPLORER	35983 LT1000 or 36653 LT1000M with Battery & Charger

RIDGID® SeeSnake® Video Inspection Systems

1½" to 6" Lines up to 200'
2" to 12" Lines up to 325'

RIDGID SeeSnake video inspection systems offer unmatched reliability and performance in a ruggedized package. Each system offers:

- 100% hardened stainless steel camera head spring assembly for optimum durability.
- Rugged, high-intensity lights for exceptional viewing and long life.
- Flexible transmitters make locating easy and are compatible with RIDGID locators.
- Can be used with any SeeSnake monitor or recorder.

Three Choices to Meet Your Needs

Mini-SeeSnake

- 1½" to 6" Lines up to 200'
- Ideal for where portability and maneuverability are crucial: multi-story buildings, rooftops, confined areas, etc.

SeeSnake

- 2" to 12" Lines up to 325'
- Wide pipe diameter capacity range makes this system ideal for a wide range of inspection needs.

SeeSnake Plus Self-Leveling Camera

- Same features and specifications as the SeeSnake Plus.
- Includes an always upright, self-leveling camera design.

Ordering Information

Catalog No.		Description	Weight	
115V	230V		lb.	kg
14053	14103	SeeSnake 200' Color Reel	43	19.5
14058	14108	SeeSnake 325' Color Reel	53	24
13988	13993	SeeSnake Plus 200' Self-Leveling Color Reel	43	19.5
13998	14003	SeeSnake Plus 325' Self-Leveling Color Reel	53	24
14063	14113	SeeSnake Mini 200' Color Reel	24.5	11.1

SeeSnake Plus and Mini SeeSnake Reel Accessories

Description	Self-Level & Standard SeeSnake Accessories	Mini-SeeSnake Plus Accessories
18" System Cable with Dubbing Block	12248	12248
Color Self-Leveling Camera Head – NTSC (115V)	14028	–
Color Self-Leveling Camera Head – PAL (230V)	14033	–
Color Camera Head – NTSC (115V)	14078	14083
Color Camera Head – PAL (230V)	14128	14133
SeeSnake Flexible In-Line Transmitter	15323	15828
Color Spanner Wrench	17563	17558
Extended Handle for Standard SS Reel	64492	–
SeeSnake 3" Centering Star Guides, Pkg of 20	64497	67312
SeeSnake 6" Centering Star Guides, Pkg of 10	64502	–
200' SeeSnake Push Cable Assembly	64607	67327
325' Standard SeeSnake Push Cable Assembly	64612	–
SeeSnake Interconnect Cord – 33/10'	64627	67307
SeeSnake Guide Hoop, Pkg of 4	93387	–
SeeSnake 3" Roller Dolly	97832	–
SeeSnake Ball Guides Pkg of 10	97852	–
Color Mini Ball Guides, Pkg of 6	–	97462
Mini Guide Hoop, Pkg of 4	–	93392
Count Plus Cable Counter	31753	31753

SeeSnake® Compact Video Inspection System

1½" to 4" Lines up to 100'

The SeeSnake Compact system offers fast setup for quick inspections. Its ultra portability makes this system an excellent complement to your SeeSnake Plus.

Standard Equipment

Power Source:

- Battery port for use with optional 18V battery.
- AC/DC operation.

MINI*Pak* Monitor System:

- High-resolution monitor.
- Push button controls for sonde, power, lights, flipscreen and zeroing the counter.
- Splash-resistant case with built in sunshade.
- Video In/Out jack.

Camera System:

- Scratch-resistant, debris-shedding, flush-mounted sapphire lens.
- Integrated transmitter.
- Durable stainless steel camera head assembly and tapered spring assembly.

Reel:

- 100' of push cable.
- Debris-capturing, rotating drum with mercury-free slip ring.
- Counter to display distance on monitor in feet and inches.

Ball Guide

Spanner Wrench

Star Guide

Ordering Information

Catalog No.		Description	Weight	
115V	230V		lb.	kg
32903	32948	Color Compact System w/ Battery & Charger	20.9	9.5
32913	32753	Color Compact System	16.9	7.7
32658	32683	Compact Reel Only	13	5.9

SeeSnake Compact Accessories

Catalog No.	Description
14083	Color Camera Head - NTSC (115V)
14133	Color Camera Head - PAL (230V)
15828	SeeSnake Flexible In-Line Transmitter
20193	100' Color Compact Push Cable
12248	18" System Cable with Dubbing Block
67307	SeeSnake Systems Cable - 10'
67312	Mini Center Star Guides, Pkg of 20
97462	Color Mini Ball guides, Pkg of 6
93392	Mini Guide Hoop, Pkg of 4
17558	Color Spanner Wrench
24703	Kickstand for SeeSnake Compact

Batteries and Chargers

Catalog No.		Description
115V	230V	
32743	32743	18V 2.2Ah LI Battery
27958	27963	18V LI Battery Charger
32708	32713	1 Battery and Charger Kit
32648	32693	2 Battery and Charger Kit

SeeSnake® microDrain™ Video Inspection System

1" to 3" Lines up to 65'

SeeSnake microDrain video inspection system provides small size and maneuverability for small diameter and tight-turn radius inspections.

- Lightweight and compact design is one-half the size of popular inspection systems, easily stowed in a truck and carried onto the jobsite.
- Multi-monitor compatibility with existing SeeSnake monitors, or the microEXPLORER® digital inspection camera.
- Durable and reliable construction with hardened stainless steel camera head spring assembly for a long service life as well as long lasting high-intensity lights for exceptional viewing.

SeeSnake microDrain D30 & D65S System

Features

Ideal for inspections with tight turns such as toilet traps and P-traps.

Specifications

Camera Head..... 0.86" (22 mm).
Cable Length ..... 30' (10 m), 65' (20 m).
Cable Diameter ..... 0.33" (8.3 mm).
Line Capacity..... 1" to 3" (25 to 76 mm).
Weight..... 8.6 lbs. (3.9 kg), 9.8 lbs. (4.4 kg).
Length..... 13.25" (33.7 cm).
Width..... 6.6" (16.8 cm).
Height..... 14.2" (36.1 cm).
Resolution ..... 628 x 586 NTSC.
Ball Guide..... 2 Included.
Sonde ..... Optional – 512 Hz.
Counter..... Not Available.

Ordering Information

Catalog No.	Description	Weight	
		lb.	kg
30' microDrain			
32663	microDrain D30 Reel (SeeSnake)	7.3	3.31
33103	microDrain D30 Reel (microEXPLORER)	7.3	3.31
32928	microDrain D30/microEXPLORER System	8.6	3.91
65' microDrain w/Sonde			
37468	microDrain D65S Reel (SeeSnake)	9.8	4.4
37473	microDrain D65S Reel (microEXPLORER)	9.8	4.4
37478	microDrain D65S/microEXPLORER System	11.1	5
Accessories			
33108	microDrain Interconnect (SeeSnake)	0.65	0.31
33113	microDrain Interconnect (microEXPLORER)	0.65	0.31
35113	microDrain D30 Drum Only	0.65	0.31
37483	microDrain D65S Drum Only	5.3	2.4

SeeSnake® microReel™ Video Inspection System

1½" to 4" Lines up to 100'

NEW

SeeSnake microDrain with microEXPLORER used as a monitor and recording device *see page 20*

SeeSnake microReel video inspection system provides small size and maneuverability for small diameter and tight-turn radius inspections.

- Lightweight and compact design is one-half the size of popular inspection systems, easily stowed in a truck and carried onto the jobsite.
- Multi-monitor compatibility with existing SeeSnake monitors, or the microEXPLORER® digital inspection camera.
- Durable and reliable construction with hardened stainless steel camera head spring assembly for a long service life as well as long lasting high-intensity lights for exceptional viewing.

SeeSnake microReel L100 & L100C System

Features

Stiffer push cable than microDrain to enable line inspections up to 100'.

Specifications

Camera Head.....0.98" (25 mm).
Cable Length .....100' (30 m).
Cable Diameter .....0.27" (6.7 mm).
Line Capacity.....1.5" to 4" (38 to 100 mm).
Weight.....10.3 lbs. (4.7 kg).
Length.....13.25" (33.7 cm).
Width.....6.6" (16.8 cm).
Height.....14.2" (36.1 cm).
Resolution .....510 x 496 NTSC.
Ball Guide.....2 Included.
Sonde .....512 Hz.
Counter.....Optional.

Ordering Information

Catalog No.	Description	Weight	
		lb.	kg
100' microReel L100 w/Sonde			
35133	microReel L100 (SeeSnake)	10.3	4.7
35143	microReel L100 (microEXPLORER)	10.3	4.7
35153	microReel L100/microEXPLORER System	11.6	5.3
100' microReel L100C w/Sonde and Counter			
35183	microReel L100C (SeeSnake)	10.3	4.7
35188	microReel L100C (microEXPLORER)	10.3	4.7
35193	microReel L100C/microEXPLORER System	11.6	5.3
Accessories			
33108	microReel Interconnect (SeeSnake)	0.65	0.31
33113	microReel Interconnect (microEXPLORER)	0.65	0.31
34623	microReel L100 Drum Only	5.5	2.5
35243	microReel L100C Drum Only	5.5	2.5

SeeSnake® nanoReel Industrial Inspection Camera System

¾" to 2" Capacity up to 85'

The SeeSnake® nanoReel opens up new possibilities in long run small diameter inspection needs. Applications where only bore scopes could reach can now be inspected using the nanoReel. Boiler tubes, supply lines, sprinkler systems, and a wide array of specialty applications can all be inspected using the new nanoReel.

- Small diameter and tight turn radius camera allows lines up to 85' to be inspected with tight turns in 1" lines.
- Lightweight and compact unit allows for easy transport and efficient storage.
- Interchangeable drums let you change out the inner drum depending on the application. Choose from:
  - L100/L100C – 1½" to 4" lines with a stiffer push cable allowing you to inspect lines up to 100'.
  - D30 and D65S – Small diameter with tight turns, 1½" to 3" P-Traps, toilet traps, pool lines up to 65'.
  - N85S – Ultra small diameter lines ¾" to 2" with tight turns for specialized applications.

Specifications

Camera Head.....0.62 (15.5 mm).
Cable Length .....85' (25 m).
Cable Diameter .....0.25 (6.3 mm).
Line Capacity.....¾ to 2" (19 to 50 mm).
Weight.....9.5 lbs. (4.1 kg).
Length.....13.25" (33.7 cm).
Width.....6.6" (16.8 cm).
Height.....17.5" (44.5 cm).
Resolution .....510 x 496 NTSC.
Ball Guide.....2 Included.
Sonde .....512 Hz.
Counter.....NA.

New Hand-Held Monitor Version Coming Soon. See RIDGID.com For Details.

Ordering Information

Catalog No.	Description	Weight	
		lb.	kg
40008	nanoReel N85S (SeeSnake)	9.5	4.1

Monitors, Video and Audio Recorders

LCD*Pak* Monitor

Features

- Lithium-Ion Battery Power – Enables 4-hours continuous operation before recharging.
- Compact Size – Easy to carry to the jobsite, frees up truck space.
- Integrated Line Tracing – Allows tracing the reel push cable with a RIDGID locator (requires a RIDGID transmitter).

Specifications

Display..... 12.1" Daylight Readable Color LCD.
Resolution ..... 640 x 480.
Power Source..... 1 or 2 RIDGID 18V Li-Ion Batteries or AC Plug.
Length..... 14.3" (36.3 cm).
Width..... 11.9" (30.2 cm).
Height..... 12.4" (31.5 cm).
Output..... Composite Video Out.
Lighting..... 10 Level Adjustable LED Control.
Recording ..... Optional recording accessories available.

Catalog No.		Description	Weight	
115V	230V		lb.	kg
37803	37808	LCD*Pak* Monitor Only	16.2	7.3
37843	37848	LCD*Pak* Monitor w/2 Batteries and Charger	22.2	10

MINI*Pak* Monitor

Features

- Lithium-Ion Battery Power – Enables 5-hours continuous operation before recharging.
- Push Button Interface – Provides easy operation of LED lights, transmitter, screen settings and system on/off functions.
- Integrated Line Tracing – Allows tracing the reel push cable with a RIDGID locator (requires a RIDGID transmitter).

Specifications

Display..... 5.7" Color LCD.
Resolution ..... 320 x 240.
Power Source ..... RIDGID 18V Li-Ion Battery or AC Plug.
Length..... 14" (35.6 cm).
Width..... 7.6" (19.3cm).
Height..... 10" (25.4cm).
Output..... Composite Video Out.
Lighting..... 10 Level Adjustable LED Control.
Recording ..... Optional recording accessories available.

Catalog No.		Description	Weight	
115V	230V		lb.	kg
32668	32688	MINI*Pak* Monitor Only	3.9	1.8
32748	32953	MINI*Pak* Monitor w/Battery and Charger	7.9	3.6

DVD*Pak* Monitor with Video & Audio Recorder

Features

- Lithium-Ion Battery Power – Enables 3-hours continuous operation before recharging.
- Exceptional DVD Recording Reliability – Takes the guesswork out of choosing what DVD to use and how to format it.
- Extreme Temperature Operation – OLED display designed to operate between +30°F to +130°F.

Specifications

Display..... 4.3" OLED / 5.7" Color LCD.
Resolution ..... 480 x 272 / 320 x 240.
Power Source ..... RIDGID 18V Li-Ion Battery or AC Plug.
Length..... 13.8" (35.1 cm).
Width..... 9.1" (23.11 cm).
Height..... 4.8" (12.19 cm).
Output..... Audio/Video (no playback output).
Lighting..... 10 Level Adjustable LED Control.
Recording ..... DVD.
DVD Formats ..... DVD-R, DVD+R, DVD-RW, DVD+RW, DVD+R DL.

Catalog No.		Description	Weight	
115V	230V		lb.	kg
32923	34298	DVDPak Monitor Only (OLED)	7.5	3.4
33203	–	DVDPak Monitor w/Battery and Charger (OLED)	11.5	5.2
32673	34303	DVDPak Monitor Only (LCD)	7.5	3.4
33198	–	DVDPak Monitor w/Battery and Charger (LCD)	11.5	5.2

CS1000 Digital Recording Monitor

The CS1000 camera control unit is a purpose-built monitor that allows you to digitally record and report on your inspections in the field. With the CS1000, you have the flexibility you need to take full advantage of digital recording technology.

Features

Read Writer gives you the ability to generate and deliver a full report on-site with integrated inspection footage and descriptions.

12.1" Daylight Readable Display allows you to easily monitor inspections in bright outdoor environments.

Three Modes of Recording let you take digital stills, full frame video and a compressed video format called Auto-log (for smaller video files).

Integrated Keyboard for taking notes and storing information about the inspection and customer.

Includes SeeSnake HQ™ Software and Integration with RIDGIDConnect.com™ allow you to deliver your reports in a wide variety of ways from online video to DVD.

- Report on and deliver inspection results with this powerful software package.
- Simply import your inspections from your CS1000 into SeeSnake HQ via USB thumb drive.
- Edit video and images.
- Burn digital images to DVD.
- Develop detailed job reports.
- Publish, edit and share your reports via RIDGIDConnect.

Specifications

Weight..... 14.75 lb. (6.7 kg).
Length ..... 14.3" (36.3 cm).
Width..... 11.9" (30.2 cm).
Height ..... 12.4" (31.5cm).
Display ..... 12.1" Daylight Readable LCD.
Resolution ..... 640 x 480.
Power Source ..... 1 or 2 RIDGID 18V Batteries or AC Plug.
Audio ..... Integrated Microphone and Speakers.
Video ..... AVI 20FPS - 720 x 480 NTSC.
Image..... JPG - 720 x 480.
Transfer ..... USB Thumb Drive.

Ordering Information

Catalog No.	Description	Weight	
		lb.	kg
32603	CS1000 Digital Recording Monitor	14.75	6.7
32608	CS1000 Monitor with 2 Batteries and 1 Charger	20.75	9.4

CS10 Digital Recording Monitor

The CS10 Monitor combines RIDGID® durability with the easiest to use digital recording monitor in the industry. One touch recording allows you to record snapshots and video directly to a USB Thumb drive then hand it directly to your customer.

- **USB Thumb Drive** recording lets you record digitally into a format that your customer can read on their computer.
- **12.1" Daylight Readable Display** allows you to easily monitor and record inspections in bright outdoor environments.
- **Multi Mode Recording** lets you take snapshots, record full frame video, and record in a lean video format called Auto-log (small files).
- **Software Integrations** with SeeSnake HQ™ and RIDGIDConnect.com™ allow you to deliver your inspections in a wide array of formats from online to DVD.

Specifications

Weight.....13 lbs.
Length.....14.3" (36.3 cm).
Width.....11.9" (30.2 cm).
Height.....12.4" (31.5 cm).
Display.....12.1" Daylight Readable LCD.
Resolution .....640 x 480.
Power Source .....1 or 2 RIDGID 18V Batteries or AC Plug.
Audio .....Integrated Microphone and Speaker.
Video .....AVI 20FPS - 720 x 480 NTSC.
Image.....JPG - 720 x 480.
Transfer .....USB Thumb Drive.

Ordering Information

Catalog No.	Description	Weight	
		lb.	kg
39328	CS-10 Digital Recording Monitor	13	5.9
39338	CS-10 Monitor w/2 Batteries and Charger	15.8	7.17

SeeSnake® Digital Laptop Interface

SeeSnake LT1000 Laptop Interface

NEW

LT1000

LT1000M

Features

The SeeSnake LT1000 Laptop Interface allows you to leverage the power and flexibility of a laptop computer with your SeeSnake Mini or Standard drain inspection cameras and reels. It lets you use a laptop computer as a camera control unit to add powerful monitoring, recording, storage and communications capabilities.

Ultimate Flexibility in recording, monitoring, and reporting. Unlock the power of your laptop to monitor, record, and communicate.

Clean Keys Control Pad allows you to keep gloved hands off the laptop keyboard while controlling camera operation and recording during an inspection.

Battery Powered Freedom lets you perform inspections regardless of availability of AC power.

Laptop Stabilization System allows you to secure and stabilize your laptop and reel to protect it in the field (full LT1000 only).

Specifications

Power .....18V LI Battery or AC Plug.
Outputs.....USB Video Stream, RCA Video and Audio.
Controls .....Sonde, Lights, Recording, Image Rotation, etc.

LT1000

The full LT1000 System mounts directly onto your SeeSnake Mini or Standard reel giving you a stacked and stable platform with a single cord interface.

Compatibility .....All SeeSnake Mini and Standard Reels.
Includes .....SeeSnake HQ™ Monitoring/Recording Software, Reel Mounting Kit, 6' USB Cable, 4 Reel Outriggers (for stability), AC Power Cable.

LT1000M

The LT100M is a detached interface that allows you to interface with any SeeSnake reel.

Compatibility .....All SeeSnake Reels.
Includes .....SeeSnake HQ Monitoring/Recording Software, 3' USB Cable, Micro Frame, AC Power Cable.

Ordering Information

Catalog No.	Description	Weight	
		lb.	kg
35973	LT1000 Laptop Interface System	6	2.7
35983	LT1000 w/Battery and Charger Kit	7.35	3.3
36653	LT1000M Laptop Interface System	4.7	2.1
36663	LT1000M w/Battery and Charger Kit	6.05	2.7

SeeSnake HQ™
Digital Inspection Software

SeeSnake HQ is powerful installed software for monitoring, recording and managing digital inspection data in the field. Record and document your findings, burn DVDs and export to a USB thumb drive. For the ultimate in digital flexibility, upload directly to RIDGDConnect.com for easy communication and secure storage.

Monitor and Record

- Use your laptop as a large screen monitoring display.
- Record videos and image directly to your hard drive.
- Record your observations and control your inspection camera using the power of a laptop.

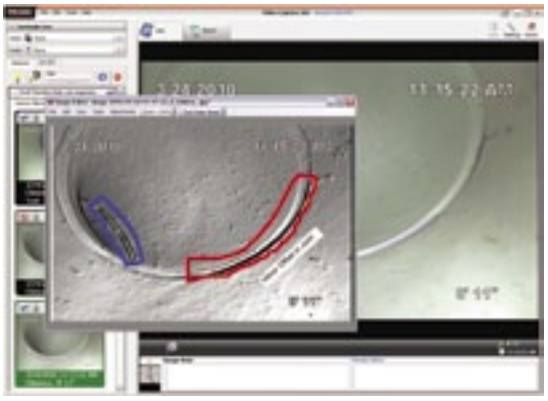
Report

- Document your observations and create a report of your findings.
- Store details about the job including contact information, observations, recommendations and notes.
- Customize the appearance of your reports to fit your company.

Delivery

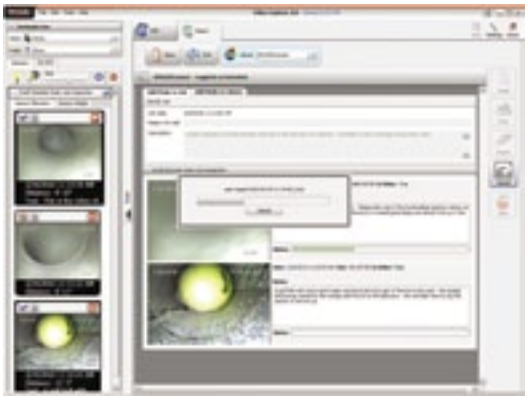
- Upload your complete reports directly to your RIDGIDConnect.com™ account with one mouse click.
- Burn DVDs for your customers or hand them a USB thumb drive.

Monitor And Record Your Inspections.



Enhance And Edit Captured Footage.

Generate Detailed Reports In The Field.



Upload Your Reports Directly To RIDGIDConnect.

Dell® Rugged Laptops

NEW

RIDGID® and Dell have partnered to offer a line of laptops that are selected with your needs in mind. These laptops range from fully rugged to be used on a jobsite, to everyday use for your business needs. Software is included to offer a full suite of powerful monitoring, recording and data management tools ready to use, right out of the box, making it easy to use the SeeSnake® LT1000 Laptop interface and RIDGIDConnect.com.

FULLY RUGGEDIZED

Designed to withstand the harshest of environments, the Latitude™ E6400 XFR and the Latitude™ XT2 XFR are designed for the field with the ability to withstand pounding rain, blowing dust and dirt, extreme temperatures, accidental drops and more.

Latitude E6400 XFR – Real-World Rugged

Built tough for tough environments, Latitude E6400 XFR was designed and engineered for the challenges you face every workday.

- Dell's exclusive Ballistic Armor™ Protection System enables excellent protection and a higher drop specification than any computer in its class – up to 4'.
- The QuadCool™ Thermal Management System allows the XFR to operate in temperature extremes with uncompromising performance.
- The PrimoSeal™ technology has the highest combined level of dust and water resistance (IP65) of any other fully-rugged notebook.

Latitude XT2 XFR – Field-Ready Multi-Touch Tablet PC

The industry's smallest 12.1-inch rugged convertible tablet PC designed for high performance in harsh environments.

- The innovative multi-touch screen lets you work whichever way the job demands and its 12.1" wide-aspect outdoor-viewable screen can keep you productive in the field.
- Ideal for field-service and industrial manufacturing workforces who need rugged systems that can withstand challenging conditions, including drops of up to 3'.
- Quick conversion from a thin and easy-to-carry tablet PC to traditional laptop with a full-size keyboard.

SEMI-RUGGED

Latitude E6410 ATG – Flexible and Tough

Designed to work anywhere you need it, the Dell Latitude E6400 ATG is built for durability and useability.

- High-durability, textured paint for additional protection from physical wear and spill-resistant input surface offers protection in a variety of field environments.
- Shock-mounted hard drive helps keep your data safe on the road.

EVERYDAY USE

Latitude E6410 – All-Day Mobile Computing

The Latitude E6400 is thoughtfully designed not just for looks, but to survive a long day on the job.

- With premium magnesium alloy construction, longer-lasting paint finishes, and robust metal hinges, the Latitude E6400 is more durable than ever.
- Long, reliable battery life that can last as long as your work day.

SOFTWARE

The entire line of PCs will come with the following installed:

- SeeSnake HQ™.
- Six-Month Subscription to RIDGIDConnect.com™.
- RIDGID® Electronic Resources.
- Additional RIDGID Add-ons.

Whatever your computing need, RIDGID and Dell® are offering a full-spectrum of PCs configured for your use with the LT1000 laptop and RIDGIDConnect. Go To www.RIDGID.com/Dell for your computing needs.

	FULLY RUGGED PC	FULLY RUGGED TABLET	SEMI-RUGGED	EVERYDAY USE
Model	Latitude E6400 XFR	Latitude XT2 XFR	Latitude E6410 ATG	Latitude E6410
Processor	Intel® Core 2 Duo P8700 with VT (2.53GHz)	Core 2 Duo SU9600 w/VT (1.6 Ghz)	Intel Core i5-520M 2.4 Ghz	Intel Core i5-520M 2.4 Ghz
Operating System	Windows® 7 Professional	Windows 7 Professional	Windows 7 Professional	Windows 7 Professional
Display	14.1" WXGA LED Display with Built In Camera	12.1" WXGA DLV outdoor-readable	14.1" Outdoor viewable WXGA LED	15.4" WXGA LED Anti-Glare
Memory	2GB DDR2-800	2GB DDR3	3GB DDR3-1066	3GB DDR3-1600
Primary Storage	120GB Shock Mounted Hard Drive	64GB Solid State Drive	250GB Hard Drive	250GB Hard Drive
Optical Devices	8x DVD Burner	8x DVD Burner	8x DVD Burner	8x DVD Burner
Connectivity	802.11 a/g/n wireless	802.11 a/g/n wireless	802.11 b/g/n Wireless	802.11 b/g/n Wireless
Multimedia	Bluetooth	Bluetooth / Multi touch capable	Bluetooth	Bluetooth
Width	13.9" / 353.06 mm	12.1" / 308 mm	13.4" / 341 mm	13.2" / 335 mm
Depth	10.1-11.5" / 256.54-291.1 mm	9.4" / 239 mm	9.59" / 245.8 mm	9.4" / 238.3 mm
Height	2.2" / 55.88 mm	1.5" / 39 mm	1.29-1.45" / 33-39 mm	1-1.2" / 25.4-31.2 mm
Weight	8.5lbs / 3.86 kg	5.4lbs / 2.45 kg	5.49 lbs / 2.49 kg	4.26 lbs / 1.93 kg

RIDGIDConnect Online Business Tool

Access To Your Business Information 24/7
With RIDGIDConnect™ you can have secure access to your data from any web browser. You can also work with your information in the field and create new reports via your mobile smartphone. Look up job reports, upload media from the phone or recall insights about a customer. RIDGIDConnect puts your business records at your finger tips.

Organize and find contacts

Add comments to your videos

Share information securely

RIDGIDConnect is an online business tool designed for contractors and service providers that will reduce reporting costs and help share, store and simplify the way you work with digital information.

RIDGIDConnect Allows You To:

- Create job reports for one or many to see.
- Associate any type of digital file or media.
- Tag your media for reference and quick look up.
- Edit video, extract frames as images and add image mark-ups to tell the story.
- Add bookmarks to videos to direct viewers to areas of interest.
- Control access to your information by expiration date or total number of views.
- Manage your customer list and associate geotags with provided addresses.
- Import address lists from any standard program.
- Populate your GPS with your customer list.
- Keep company-only notes about jobs and customers to help recall and service capability.
- Schedule jobs, set reminders and dispatch work within your company.
- Enable your customers to upload media to a report so you understand the issue before arriving on site.
- Seamlessly integrate job reports from SeeSnake HQ™ to your RIDGIDConnect account.
- Have daily backups and 24/7 access via web browser to all your information.

The RIDGIDConnect site is full of application ideas as well as screen casts and videos to help you quickly get started. Register for a free 30-day trial, sign up for a monthly subscription, or ask your local RIDGID® distributor for the annual subscription below.

Ordering Information

Catalog No.	Description
37348	RIDGIDConnect Annual Basic Subscription
See www.RIDGIDConnect.com For Monthly Subscription Plans.	

RIDGID CONNECT

Get Started Free Today!

RIDGIDConnect Express gets you up and running your reporting online fast, simple and FREE!

	Express FREE	Basic $49.99 per month	Plus $79.99 per month	Premier $129.99 per month	Enterprise Call for consultation
# of Sites/ Offices	1	1	2	3	More than 3
# of Users	1	5	15	25	More than 25
Storage Space	.05GB	10.0 GB	30.0 GB	50.0 GB	
Number of Reports	2	Unlimited	Unlimited	Unlimited	
Contact Mgmnt.	–	✔	✔	✔	✔
Dispatch	–	✔	✔	✔	✔
Mapping	–	✔	✔	✔	✔
Job Code Sharing	✔	✔	✔	✔	✔
Job Sharing	–	✔	✔	✔	✔
Job Expirations	–	✔	✔	✔	✔
HQ Integration	✔	✔	✔	✔	✔
Link on Your Site	✔	✔	✔	✔	✔
Mobile Application	–	✔	✔	✔	✔
Mobile Site Access	✔	✔	✔	✔	✔
File Types Supported	Images/Private Video	All	All	All	All
Desktop Uploader	✔	✔	✔	✔	✔

Hand-Held Inspection Cameras

Your world is filled with spaces and components that are just out of reach or eyesight. In many cases it takes more time to locate problems than it does to actually fix them. The RIDGID® line of hand-held visual inspection cameras eliminates the guess work and reduces the amount of time required to detect and diagnose the unreachable. Whether it's a cracked heat exchanger, a blown hydraulic line, a tricky installation, or a quality assurance parts inspection, RIDGID offers a visual inspection camera to suit your needs.

All RIDGID hand held inspection cameras come equipped with a camera and light source attached to the end of a flexible 3' cable. This cable can be bent and twisted into the most inaccessible areas. The camera sends live images back to a high visibility digital LCD display allowing for detailed visual inspections in hard to reach spaces.

Comparison Chart	micro CA-100	microEXPLORER®
Screen Size	3.5"	3.5"
Camera Diameter	0.7" (17 mm)	0.7" (17 mm)
Lighting	4 LEDs	4 LEDs
Cable Length	3' (up to 30')	3' (Up to 30')
Waterproof	Camera & Cable	Camera & Cable
Power Source	4AA	3.7 V Lithium Ion
Charger	No	Yes
SD Card Port	No	Yes
USB Port	No	Yes
RCA Output	Yes	No
Pan & Zoom	No	Yes
Self Leveling	No	Yes
Case	Hard Shell Plastic	Hard Shell Plastic
Hook, Magnet & Mirror	Yes	Yes

micro CA-100 Inspection Camera

The new RIDGID® micro CA-100 Inspection Camera, the next evolution of the SeeSnake® micro Inspection Camera, allows you to perform more detailed visual inspections in even harder-to-reach areas. Its comfortable pistol-grip design, one-hand controls, and large screen make it easy to see into the tightest spots. The micro CA-100 comes standard with a rugged ¾", (17 mm) anodized aluminum camera head with four super bright LEDs to see into the darkest areas. Easily rotate the active image counter-clockwise to see in any situation. With an available 6 mm camera accessory, the micro CA-100 Inspection Camera allows you to service and identify problems in more places. The RIDGID micro CA-100 Inspection Camera provides solutions whenever and wherever you need them.

Specifications

- Display ..... 3.5" Color LCD (320 x 240 resolution).
- Camera Head ..... Aluminum Construction 17 mm diameter.
- Lighting ..... 4 Adjustable LEDs.
- Cable Reach ..... 3' (expandable to 30' w/optional extensions).
- Video Output ..... 3' RCA Cable (included).
- Waterproof ..... Camera & Cable to 10' (when properly assembled).
- Power Source ..... 4 AA Batteries.
- Attachments ..... Mirror, Hook & Magnet.
- Weight ..... 5.5lbs (2.5 kg).

Catalog No.	Description	Weight	
		lb.	kg
36738	micro CA-100 Inspection Camera	5.5	2.5
37103	17 mm Replacement Imager	0.7	0.3
37098	1 m Length x 6 mm Diameter Replacement Imager	0.3	0.1
37093	4 m Length x 6 mm Diameter Replacement Imager	0.9	0.4
31128	Universal 3' Cable Extension	.75	0.3
31133	Universal 6' Cable Extension	1.5	0.68

microEXPLORER® Digital Inspection Camera

The microEXPLORER digital inspection camera takes visual inspection to the next level. It's a completely integrated, digital platform that allows you to find, record and share detailed images and video of hard to reach places. The microEXPLORER comes equipped with many advanced features including self leveling, pan and 3X digital zoom to help you achieve an extremely accurate inspection.

microEXPLORER Benefits

- Capture and archive images and videos as part of a more effective preventative maintenance program.
- Download images and videos to a computer via the mini USB port and email them to a colleague or manufacturer for improved troubleshooting.
- Self leveling picture maintains a consistently upright image and eliminates the need to twist the camera into correct position.
- 4 high intensity LEDs and low light vision control allows for inspections in the darkest of areas.
- High resolution camera and high visibility 3.5" digital LCD screen help you clearly identify cracks in heat exchangers, defects in welds or castings, etc.

Specifications

- Display.....3.5" Color LCD (320 x 240 resolution).
- Image Capture .....JPG Images (1280 x 1024), AVI Video (320 x 240).
- Recording Medium .....Internal memory or SD card.
- Image Controls.....Pan, zoom, self-leveling, low-light vision.
- Lighting.....4 fully-adjustable LEDs.
- Camera Diameter.....0.7" (17 mm).
- Cable Reach.....3' (expandable to 30' with optional extensions).
- Waterproof .....Camera & Cable to 10' (when properly assembled).
- Power Source.....3.7 V li-ion battery (4 hours of continuous runtime).

Catalog No.	Description	Weight	
		lb.	kg
30063	microEXPLORER Digital Inspection Camera	1.93	0.83
30083	Replacement Camera Head	0.82	0.37
30198	Replacement 3.7V Li-Ion Battery	0.24	0.11
30208	DC Adapter	0.26	0.12
30073	Audio Memo Recorder	0.26	0.12
31128	Universal 3' Cable Extension	0.75	0.3
31133	Universal 6' Cable Extension	1.50	0.68

3' and 6' cable extensions

SeeSnake® Digital Adaptor

The fastest, easiest way to go digital.

With the RIDGID® microEXPLORER® Digital Inspection Camera and the SeeSnake digital adaptor, you'll immediately add digital image and video recording capabilities and a secondary playback screen to your existing drain inspection monitor.

Features

- Digital recording made easy. Simply connect the SeeSnake digital adaptor into a microEXPLORER digital inspection camera and a SeeSnake monitor and start recording.
- Broad compatibility. Use the adaptor with any SeeSnake monitor with a video-out jack.
- Quick and easy operation. With just a push of the button on the microEXPLORER camera, you can take digital still images and video.

Specifications

Video[1] .....AVI (320 x 240).
Images[1].....JPEG (1280 x 1024).
Audio[2].....Yes.
Connection .....Male RCA.
Length.....6' (2 m).

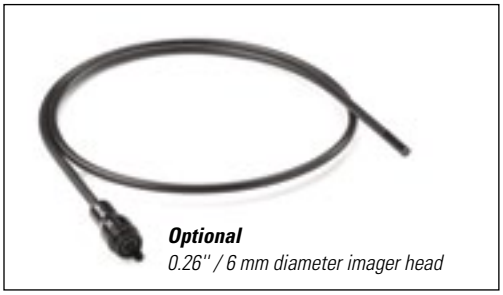
1 Requires a microEXPLORER camera.
2 Requires Audio Memo Accessory for microEXPLORER camera.

Catalog No.	Description	Weight	
		lb.	kg
34953	SeeSnake Digital Adaptor for microEXPLORER Camera	0.6	0.27

0.26" / 6 mm Diameter Imager Head Accessory

- Nearly one-half the size of the standard camera head.
- Enables detailed inspections in very confined spaces.
- Bright LED lighting provides clear images.
- Sleek aluminum construction withstands demanding applications.

Catalog No.	Description	Weight	
		lb.	kg
30068	6 mm Camera Head	0.75	0.3



Optional
0.26'' / 6 mm diameter imager head

Locating Equipment

RIDGID® Receivers – RIDGID locating receivers feature an easy to use visual mapping display that allows you to locate utility lines and sondes/beacons with confidence. Use with a SeeSnake camera equipped with a sonde transmitter to locate the camera head during an inspection or use with a line transmitter to find buried utilities. These locators can also find flushable float sondes and remote transmitters attached to a push rod or drain cable.

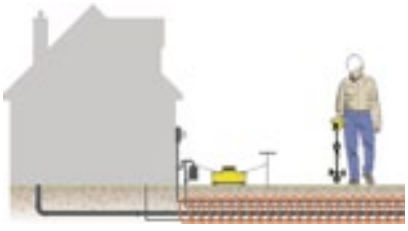
	SeekTech® SR-60 *22163*	**SeekTech SR-20** *21893*	**NaviTrack® II** *96967*	**NaviTrack Scout®** *19238*
PAGE NUMBER	25	24	28	29
Omni-Directional Mapping Display	Yes	Yes	Yes	Yes
User Defined Frequencies	Yes - All Available	Yes up to 35 kHz	No	No
Number of Active Line Trace Frequencies	All up to 490 kHz	All up to 35 kHz	7	3
Sonde Frequencies	All up to 490 kHz	All up to 35 kHz	7	4
Passive Search	Omni-Seek (searches all passive bands at once)	Omni-Seek (searches all passive bands at once)	50/60 Hz	50/60 Hz
Depth	Continuous	Continuous	Continuous	Push Button
Weight w/batteries	5.1 lb.	3.5 lb.	5.1 lb.	3 lb.

RIDGID Transmitters – Accurately trace buried utilities by applying a signal with a RIDGID Line Transmitter. All transmitters have multiple frequency options and are capable of applying a signal by direct connection and induction. Powerful 5W and 10W transmitters apply a strong signal making for easier locates.

	SeekTech ST-33Q *26168*	**SeekTech ST-510** *21903*	**NaviTrack** *14818*	**SeekTech ST-305** *21898*	**Brick** *20168*
PAGE NUMBER	26	27	30	27	30
Max Power Output	5W	10W	10W	5W	5W
Digital Display	Yes	Yes	No	No	No
Line Trace Frequencies	All up to 490 kHz	5*	6	4	4
Inductive Frequencies	2	5*	6	3	4
Simultaneous Transmit 2 Line Frequencies	No	No	No	Yes	Yes
Weight w/batteries	11.1 lb.	9 lb.	9 lb.	2.5 lb.	2.5 lb.

** The ST-510 Transmitter can also be set to frequencies used by other manufacturers' equipment.*

Find Sondes/Beacons



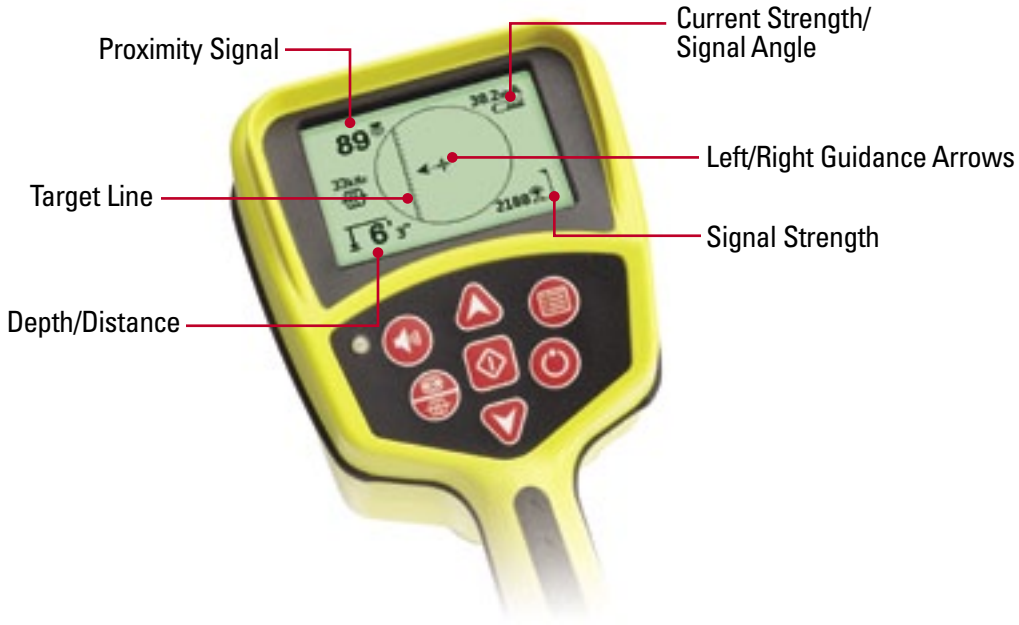
Direct Connect to Utility Lines

Find Plastic Pipe with Integral Line Trace

Induce a signal to locate Utilities

SeekTech® Utility Line Locators

The large displays on SeekTech receivers give you the information you need when you need to locate with speed, accuracy and confidence.



Performance

The mapping display confirms a good locate signal and identifies distortion in congested areas using:

- Target-Line – Guides the operator down the line and shows changes in direction.
- Left-Right Guidance Arrows – Points the operator to the target utility.
- Proximity Signal and Signal Strength – Helps the operator center the locator closer to the target for more confident locates.

Other Features

- Continual Depth – Increases productivity by showing depth changes in real-time.
- Omni-Seek® – Increases accuracy and efficiency when searching in passive mode. Continuously searches passive power and radio bands to locate and avoid unknown metallic lines.
- User-Defined frequencies – RIDGID SeekTech receivers can be configured with up to 30 user-defined frequencies.
  – SeekTech SR-60 locator can be set to any frequency between 10 Hz and 490,000 Hz making it a universal receiver.
  – SeekTech SR-20 locator can be set to any frequency between 10 Hz and 35,000 Hz.

Comparison of Features

	SR-20 Locator	SR-60 Locator	Conventional
Omni-Directional Mapping Display	Yes	Yes	No
User Defined Frequencies (Competitor Frequencies)	Yes up to 35 K	Yes – All Available	Limited or No
Omni-Seek® (Simultaneous Multiple Line Trace)	Yes – All Passive Bands at Once	Yes – All Passive Bands at Once	No
Depth	Continual	Continual	Push Button or Triangulation
Current Measurement	Continual	Continual	Push Button & Average
Distortion Indication On One Screen	Yes	Yes	No
Simultrace™ (Simultaneous Sonde & Line Trace)	No	Yes	No
Stereo Guidance (Using Headphones)	No	Yes	No

SeekTech® SR-20 Locator

For a lightweight yet rugged receiver that provides all the information needed for faster, more accurate locates.

Easy to Use

- Target line and guidance arrows quickly identify distortion.
- Proximity signal and signal strength help work through difficult locates.

SR-20 Locator Specifications

Active Line Trace Frequencies* ...128 Hz, 1 kHz, 8 kHz, 33 kHz.
Passive Power Trace .....50 Hz, 60 Hz, <4 kHz Broadband.
Passive Radio Trace .....4 kHz-15 kHz, 15 kHz-36 kHz.
Sonde Frequencies.....16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
Power Source.....4 C-Cell Batteries.
Battery Life.....Approximately 16 Hours.
Weight.....3.5 lbs. (1.6 kg).
Meets FCC Class A and EN 55022 Class A requirements.

** 30 user definable frequencies can be set from 10 Hz to 35,000 Hz.*

Standard Equipment

- Hard plastic carrying case.
- Surface markers and clip.
- Instructional DVD.
- Operator's manual.
- 4 C-Cell Batteries (alkaline).

Catalog No.	Description	Weight	
		lb.	kg
21893	SeekTech SR-20 Line Locator	3.5	1.6
22173	SR-20 Case	5	2.2

SeekTech® SR-60 Locator

For the fastest, easiest, most versatile receiver available.

Versatility

- Can trace any frequency from 10 Hz to 490,000 Hz.
- Can trace energized lines and sondes (active beacons) simultaneously.
- Has all the ease of use and accuracy of the SR-20 locator but with ALL locatable frequencies.

Choose the SR-60 locator for fast confident locates even under tough locate conditions (poor conductors, poor soil conditions, poor grounding, etc.).

SR-60 Locator Specifications

Active Line Trace Frequencies** .... 128 Hz, 1 kHz, 8 kHz, 33 kHz, 51 kHz, 93 kHz, 200 kHz, 262 kHz.
Passive Power Trace ..... 50 Hz, 60 Hz, <4 kHz Broadband.
Passive Radio Trace ..... 4 kHz-15 kHz, 15 kHz-36 kHz.
Sonde Frequencies** ..... 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHZ, 16 kHZ, 33 kHZ.
Power Source ..... 4 C-Cell Batteries.
Battery Life ..... Approximately 16 Hours.
Weight ..... 5.1 lbs. (2.3 kg).
Meets FCC Class A and EN 55022 Class A requirements.

*** 30 user definable frequencies can be set from 10 Hz to 490,000 Hz.*

Standard Equipment

- Hard plastic carrying case.
- Surface markers and clip.
- Instructional DVD.
- Operator's manual.
- 4 C-Cell Batteries (alkaline).

Catalog No.	Description	Weight	
		lb.	kg
22163	SeekTech SR-60 Line Locator	5.1	2.3
29798	SR-60 Case	5	2.2

See pages 26 and 27 for transmitters

SeekTech® Utility Transmitters

RIDGID® offers a range of transmitters for tracing underground metallic pipes and cables.

All RIDGID transmitters generate a signal onto the buried cable in one of three ways:

- Direct connection using connection cords.
- Induction with the optional inductive signal clamp.
- Induction from the transmitter.

Comparison of Features

	ST-33Q	ST-510	ST-305
Direct Connect Frequencies	All	5	4
Inductive Frequencies	2	3	3
Competitors' Frequencies	User Defined Frequencies	Factory Set	No
Simultaneous Transmit 2 Line Frequencies	No	No	Yes
Automatic Impedance Matching	Yes	Yes	Yes
Digital Output Level Display	Yes	Yes	No
Max Power Output	+5W*	10W	5W
Variable Power Setting	Low, Medium, High	Fully Adjustable	Low, Medium, High
Power Source	6 D-Cell Batteries	8 D-Cell Batteries	6 C-Cell Batteries
Battery Check	Continuous	Continuous	At Start-up
Weight (without batteries)	11.1 lb. / 5.0 kg	9 lb. / 4.1 kg	2.5 lb. / 1.9 kg
FCC & EN 55022 Requirement	Class A	Class B	Class A

**When external power source is connected to the ST-33Q, or rechargeable batteries are used up to 10 Watts nominal output power can be generated in direct connect mode.*

SeekTech ST-33Q Line Transmitter

- The ideal transmitter for inducing current onto a target line.
- Increase efficiency and trace further by inducing over eight times more current than the competition onto a target line.
- The most versatile transmitter available with any direct connect frequency between 10 Hz and 490 kHz.

Frequencies:

- Direct Connect (factory set): 128 Hz, 1 kHz, 8 kHz, 33 kHz, 93 kHz, 262 kHz.
- Direct Connect (user defined): 10 Hz – 490 kHz.
- Induction: 8 kHz, 33 kHz.

Catalog No.	Description	Weight	
		lb.	kg
26168	SeekTech ST-33Q Transmitter (5 Watts)	11.1	5.0

SeekTech® ST-510 Line Transmitter

- Ten Watts of fully variable power output.
- LCD display provides instant visual feedback on line resistance and current flow.
- Two 25' lead wires with heavy duty clips.
- Compatible with competitor's equipment.

Frequencies:

- Direct Connect: 128 Hz, 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Induction: 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Competitor Frequencies: available in both direct connect and induction.

Catalog No.	Description	Weight	
		lb.	kg
21903	SeekTech ST-510 Transmitter (10 Watts)	9	4.1

SeekTech ST-305 Line Transmitter

- Lightweight and compact transmitter that delivers up to 5 Watts of power.
- Can transmit two frequencies simultaneously.
- Audio feedback confirms a good circuit before beginning a trace.

Frequencies:

- Direct Connect: 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Induction: 1 kHz, 8 kHz, 33 kHz, 262 kHz.

Catalog No.	Description	Weight	
		lb.	kg
21898	SeekTech ST-305 Transmitter (5 Watts)	2.5	1.9

SeekTech Inductive Signal Clamp

- Allows users to apply a signal to a cable or pipe when direct connection is not possible.
- Compatible with all RIDGID transmitters.

Catalog No.	Description	Weight	
		lb.	kg
20973	SeekTech 4" Inductive Signal Clamp	2	0.9

NaviTrack® II Locator

The NaviTrack II locator navigates you to the location of underground pipes quickly and easily. It tracks energized lines with ease.

NaviTrack II Locates

- SeeSnake In-Line Transmitters.
- Remote Transmitters (Sondes).
- Energized Metallic Lines.

Performance

- Approach the transmitter from any direction for faster, more accurate locates.
- Maximize the signal and the locate is complete.
- Verify the locate using the large mapping display.
- Depth measurement is continuous.
- Depths of greater than 15' can be read.

NaviTrack II locators provide unprecedented ease of use. Due to the NaviTrack II advanced technology, training time is greatly reduced. You can learn to locate with a NaviTrack II unit in minutes.

Specifications

- Weight ..... 5 lbs.
- Power Source..... 4 C-Cell batteries.
- Battery Life ..... Approximately 16 hours.

Standard Frequencies

- Sonde..... 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
- Active Line Trace ..... 128 Hz, 1 kHZ, 8 kHz, 33 kHz, 65 kHz, 200 kHz, 262 kHz.
- Passive AC Line Trace..... 60 Hz, 50 Hz.

Kit shown without optional accessories

Standard Equipment

- Hard Plastic Carrying Case.
- Surface Markers and Clip.
- Instructional DVD.
- Operator's Manual.
- 4 C-Cell batteries.

The NaviTrack II is designed for users who want an easy-to-use tool to locate both remote transmitters and energized lines on a regular basis.

Catalog No.	Description	Weight	
		lb.	kg
96967	NaviTrack II Locator	5.1	2.3
22388	NaviTrack II Carrying Case	9	4.0
12543	Marker Chips and Clip	–	–

Meets FCC Class A and EN 55022 Class A requirements.

TOOLTIP You can confirm the locate depth of the remote transmitter by measuring the distance between the two poles and multiplying by 0.7.

NaviTrack Scout® Locator

The NaviTrack Scout locator is designed to solve the most demanding remote transmitter (sonde) locates using the same multi-directional locating technology as the full-featured NaviTrack® II.

Easier Locates

The NaviTrack Scout multi-directional antenna technology sees the entire signal all of the time. Simply maximize the signal strength and you have found the target. No nulls or false peaks to complicate the locate.

Accuracy

This locator verifies the locate position using a micro-mapping display to mark distinctive poles in front of and behind the target, insuring an accurate locate.

Automatic Depth

Depth is automatically calculated and displayed when over the target.

Specifications

- Weight .....3 lbs.
- Power Source.....4 C-Cell batteries.
- Battery Life .....Approximately 24 hours.

Standard Frequencies

- Sonde.....16 Hz, 512 Hz, 640 Hz, 874 Hz and 33 kHz.
- Line Trace.....128 Hz, 1 kHz, 8 kHz and 33 kHz.
- Passive AC Line Trace.....60 Hz, 50 Hz.

Standard Equipment

- Hard Plastic Carrying Case.
- Surface Markers and Clip.
- Instructional DVD.
- Operator's Manual.
- 4 C-Cell Batteries.

The NaviTrack Scout is ideal for users locating SeeSnake cameras and other sondes who occasionally need to locate energized lines.

Catalog No.	Description	Weight	
		lb.	kg
19238	NaviTrack Scout Locator	3	1.4
20248	Scout Carrying Case	6.25	2.8
12543	Marker Chips and Clip	–	–

Meets FCC Class B and EN 55022 Class B requirements.

NaviTrack® Transmitters

NaviTrack Line Transmitter – 10 Watt

- For tracing buried cable, TV lines, phone, water, gas and other metallic lines that can carry an electromagnetic signal.
- Fully variable 10 Watts of power output.
- Two 25' coil connectors.
- Conductive ground rod.

Freqencies

- 128 Hz, 1 kHz, 8 kHz, 33 kHz – 10 Watt output power.
- 200 kHz, 262 kHz – 1 Watt output power.

Catalog No.	Description	Weight	
		lb.	kg
14818	NaviTrack Line Transmitter	9	4.0
20503	Inductive Signal Clamp	2	0.9

NaviTrack Brick – 5 Watt

- For tracing buried cable, TV lines, phone lines and other metallic lines that can carry an electromagnetic signal.
- Fully variable 5 Watts of power output.
- Lightweight, easy to carry.
- Conductive ground rod.
- Two 10' connectors.

Freqencies

- 1 kHz, 8 kHz, 33 kHz, 262 kHz.

Catalog No.	Description	Weight	
		lb.	kg
20168	NaviTrack Brick Transmitter	2	0.9
20503	Inductive Signal Clamp	2	0.9

Comparison of Features

	NaviTrack Line Transmitter	Brick
Direct Connect Frequencies	6	4
Inductive Frequencies	6	4
Simultaneous Transmit 2 Line Frequencies	No	No
Automatic Impedance Matching	Yes	Yes
Digital Output Level Display	Yes	No
Max Power Output	5W	10W
Variable Power Setting	Fully Adjustable	Low, Medium, High
Power Source	8 D-Cell Batteries	6 C-Cell Batteries
Battery Check	Push Button	At Start-up
Weight (without batteries)	9 lb. / 4.1 kg	2 lb. / 0.9 kg
FCC & EN 55022 Requirement	Class B	Class A

Inductive Signal Clamp

- Allows users to apply a signal to a cable or pipe when direct connection is not possible.
- Compatible with all RIDGID® transmitters.

Catalog No.	Description	Weight	
		lb.	kg
20503	NaviTrack 4" Inductive Signal Clamp	2	0.9

Remote Transmitter

- Can be attached to a drain cleaning cable or a water jet hose to locate the Remote Transmitter in a line.
- Flashing LED indicates that sonde is transmitting.
- Meets FCC Class B and EN 55022 Class B requirements.

Catalog No.	Description	Weight	
		lb.	kg
16728	Remote Transmitter, 512 – AAA	0.4	0.18
19263	Adapter for ⅝" & ¾" Drum Machine Cables		
19268	Adapter for ⅞" Sec. & ½" Drum Machine Cables		
19273	Adapter for ⅝" Sec. & ⅜" Drum Machine Cables		
19258	Adapter for 1¼" Sectional Cable		

Floating Transmitter

- Ideal for locating septic tanks.
- 512 Hz signal.
- Flashing LED indicates that sonde is transmitting.
- Flushable.
- Battery-powered.
- Meets FCC Class B and EN 55022 Class B requirements.

Catalog No.	Description	Weight	
		lb.	kg
19793	Float Sondes (2), Plus Extra Battery	0.4	0.18

SeeSnake FleXmitter® Transmitter

- With a SeeSnake FleXmitter you can locate a camera in a line (now standard with all SeeSnake reels).
- If your SeeSnake camera isn't equipped with a transmitter, you can upgrade your camera with a FleXmitter transmitter.
- Meets FCC Class A and EN 55022 Class B requirements.

Catalog No.	Description	Weight	
		lb.	kg
15323	SeeSnake FleXmitter in-line transmitter	0.62	0.28
15828	Mini-SeeSnake FleXmitter	1	0.045

micro IR-100 Non-Contact Infrared Thermometer

The RIDGID® micro IR-100 Non-Contact Infrared Thermometer provides simple, quick and accurate surface temperature readings at the push of a button. You simply squeeze the trigger and point the ultra-sharp dual Class II lasers at the surface being measured. The micro IR-100 provides an immediate temperature measurement on a clear, easy-to-read backlit LCD display. In addition to numerous other uses, this rugged and compact instrument enables professional tradesman to diagnose heating and ventilation problems, perform preventative monitoring of electrical motors and systems, troubleshoot steam traps and quickly check fuses or circuit breakers for overheating – all without contact.

- Ultra Sharp Dual Class II Lasers easily illuminate the surface area being measured.
- Ergonomic Pistol Style Grip with rugged over molding allows you to keep a solid grip in the harshest of industrial environments.
- 20:1 Distance To Spot Ratio allows you to take more accurate measurements from long distances.
- Visual and audible alarms quickly alert you to temperatures outside of the ranges that you set.
- Bright Backlit Display which can be toggled on in poorly lit areas.
- Tripod Mount Capable for repeatable, precise temperature measurements.

Catalog No.	Model No.	Description	Weight	
			lb.	kg
36153	micro IR-100	Non-Contact Infrared Thermometer	0.5	0.2

Specifications

- Temperature Range .....-59º to 1472ºF / -50º to 800ºC.
- Measurement Accuracy ...-58°F ~68°F / -50°C ~20°C ±4.5°F / 2.5°C; 68°F ~1472°F / 20°C ~800°C ±1.0% or ±1.8°F / 1.0°C.
- Response Time .....<150ms.
- Temperature Display .....Current temperature, max temperature.
- Measurement Units.....Fahrenheit, Celsius.
- Power Source .....Battery (1 x 9V).

micro LM-100 Laser Distance Meter

The RIDGID® micro LM-100 Laser Distance Meter provides simple, quick and accurate distance readings at the push of a button. Simply push the measurement button to turn on the ultra-sharp Class II lasers, point the device at the spot to be measured, and push the measurement button. The distance reading will appear on the easy-to-read LCD display. This rugged, compact, portable instrument enables professional tradesman to quickly determine run distances for bidding, distance of piping run, measuring trouble spots down the line, and quickly determine spacing for code compliance.

- Ultra Sharp Class II Lasers clearly highlight the point being measured.
- Exceptional Distance Range allows accurate measurements up to 164 feet (50 m).
- Adjustable Units enable you to quickly read in feet, inches or meters on the fly.
- Bright Backlit Display for use in poorly lit areas.
- Quick and Accurate calculations on the spot.
- Displays up to the last three measurements, stores the last 20 measurements.
- Rugged Over Molding allows you to keep a solid grip in the harshest of industrial environments.

Catalog No.	Model No.	Description	Weight	
			lb.	kg
36158	micro LM-100	Laser Distance Meter	0.5	0.2

Specifications

- Measurement Accuracy ..... ±1/16 inch, / 1.5 mm.
- Range..... 164'/ 50 m.
- Measurement Units..... Inches, feet, meters.
- Measurement Calculations ..... Area, Volume, and Indirect measurement calculations.
- Power Source.....Batteries (2 x AAA).
- IP Rating.....IP 54.

micro CD-100 Combustible Gas Detector

The RIDGID® micro CD-100 Combustible Gas Detector provides simple and quick readings to identify the presence of combustible gases. It is designed to detect Methane, Propane, Butane, Ethanol, Ammonia, Hydrogen and many other combustible gases. With adjustable sensitivity, even low-levels of gases can be detected in seconds.

The RIDGID micro CD-100 Gas Detector ensures proper gas line installations, checks for maintenance and repair needs, and quickly pinpoints combustible gas leaks.

- Rugged Ergonomic Design makes it comfortable to use, yet tough.
- Tri-Mode Detection™ gives the operator the flexibility to be alerted with a visual, audible or vibration alert which can be adjusted for your environment.
- Adjustable Sensitivity Settings provide precise leak locating with the touch of a button.
- 16" / 40.6 cm Flexible Probe allows location and detection of leak in hard-to-reach and confined spaces.
- Field Replaceable Sensor means more up-time and less time waiting for repairs.

Specifications

- Detection Range.....0 to 6400 ppm (Methane).
- Alarm Sensitivity....40 ppm (Methane).
- Calibration .....Automatic.
- Alarms .....Visual, Audible, Vibration.
- Power Source .....Batteries (4 x AA).

Gasses Detected	Common Mixtures That Would Include Or Emit More Than One Of These Gasses
Methane	Natural Gas* Paint Thinners Industrial Solvents Dry Cleaning Fluids Gasoline *Natural gas typically consists of a high percentage of methane and smaller percentages of propane and other gasses.
Hydrogen	
Carbon Monoxide	
Propane	
Ethylene	
Ethane	
Hexane	
Iso-Butane	
Benzene	
Iso-Butane	
Ethanol	
Acetaldehyde	
Toluene	
P-Xylene	
Ammonia	
Hydrogen Sulfide	

Catalog No.	Model No.	Description	Weight	
			lb.	kg
36163	micro CD-100	Combustible Gas Detector	1.0	0.45
31948	CD-100 RS	Replacement Sensor	–	–

Utility installation and service workers will find this tool invaluable

Perfect tool for contractors in plumbing and HVAC

Use the micro CD-100 to detect gasses in plant and building maintenance applications

See It

SeeSnake® Inspection Equipment

The extensive range of RIDGID® SeeSnake and handheld inspection cameras, push cables, reels and video monitors offers durability and ease-of-use to identify problems quickly.

Find It

RIDGID Locating Equipment

A full line of rugged RIDGID locators and transmitters are available to meet your needs for fast and accurate locating of buried utilities, including electric, water, gas, oil, telecom, cable and sewer. These tools are an ideal complement with RIDGID video pipe inspection and drain cleaning equipment.

Clean It

RIDGID Drain Cleaning Equipment

No matter what you need in a drain cleaning machine, there is a RIDGID product just right for you. From sink machines to drum, sectional, rodder and water jet machines, you can depend on RIDGID to have the right tool and accessories to meet your exact needs.

Share It

RIDGIDConnect™ Online Business Tool

RIDGIDConnect is the online business tool that works with your digital equipment to streamline record keeping, communication and collaboration. Designed for any professional who creates or uses digital media, RIDGIDConnect makes it easy to share, store and simplify. See www.RIDGIDConnect.com.

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